SEARCHLIGHT SECTION

OFFICIAL PROPOSALS

Copy: Official Proposals reaching our New York Office by 10 A. M., Tuesday can usually be printed in the issue out Thursday.

Rate:
40 Cents a Line an Insertion

Plans and Specifications for inspection by distant bidders may be filed at any of the Engineering News-Record offices without charge.

THESE ADVERTISEMENTS ARE OFFICIAL NOTICES THAT BIDS ARE WANTED FROM BIDDERS EVERYWHERE.

OFFICIAL PROPOSALS

Bids: Feb. 1.

Heating, Sanitary and Electrical Work

Theills, N. Y.

Sealed proposals for Construction, Heating, Sanitary and Electric Work—Attendants' Home—Assembly Hall and Industrial Building (Girls' Group) at Letchworth Village, Thiells, N. Y., will be received by Mr. Mortimer B. Patterson, President of the Board of Managers of Letchworth Village, at No. 7 Wall Street, New York City, until 12 o'clock Noon on Thursday, February 1, 1923, when they will be publicly opened and read. Proposals shall be enclosed in an envelope furnished by the State Architect, sealed and addressed, and shall be accompanied by a certified check in the sum of five per cent (5%) of the amount of proposal. The contractors to whom the awards are made will be required to furnish surety company bond in the sum of fifty per cent (50%) of the amount of contract within thirty (30) days after official notice of award of contract and in accordance with the terms of Specifications Nos. 3928, 3929, 3930, 3931, 3932, 3933 and Addenda dated December 12, 1922, 4040 and 4041. The right is reserved to reject any or all bids. Drawings and specifications may be examined at No. 7 Wall St., New York City; at Letchworth Village, Thiells, N. Y.; at the New York Office of the Department of Architecture, Room 1058, 25 Broadway, and at the Department of Architecture, Capitol, Albany, N. Y. Drawings, specifications and blank forms of proposal may be obtained at the Department of Architecture, Capitol, Albany, N. Y., upon reasonable notice to and in the discretion of the State Architect, L. F. Pilcher, Capitol, Albany, N. Y.

Dated: December 29, 1922.

Bids: Jan. 30.

Gate-Valves and Hydrants

CONTRACT 213

New York, N. Y.

Sealed bids will be received by the Board of Water Supply at its offices, twenty-second floor, Municipal Building, Park Row, Centre and Chambers Streets, New York City, until 11 a.m., Eastern Standard Time, on Tuesday, January 30, 1923, for Contract 213, for furnishing and delivering gate-valves and hydrants for the Mt. Prospect, Park Slope, Fort Hamilton and Clove conduits and Narrows Siphon No. 2 of the Catskill Aqueduct, all as set forth in the specifications. All deliveries shall be made, with all transportation charges prepaid, at designated storage yards within the limits of the City of New York.

At the above place and time the bids will be publicly opened and read. Pamphlets containing information for bidders, forms of bid and contract, specifications, contract drawings, etc., can be obtained at the office of the secretary at the above address, by depositing the sum of ten dollars ($10) in cash or its equivalent for each pamphlet. For further particulars apply to the office of the Chief Engineer at the above address.

GEORGE J. GILLESPIE,
President.
JAMES P. SINNOTT,
PHILIP F. DONOHUE,
Commissioners, Board of Water Supply.
BENJ. F. EINBIGLER, Secretary.

OFFICIAL PROPOSALS

Bids: Feb. 9 and Feb. 23.

Two Junior High School Buildings

Jamestown, N. Y.

Notice is hereby given that sealed proposals for furnishing labor and materials to construct two Junior High School Buildings, in the city of Jamestown, N. Y., will be received by the Board of Education, as follows:

1. For a Junior High School Building, located on Front Street, bids will be received up to 2 o'clock P.M., February 9th, 1923, at the offices of the Board of Education in the High School Building on East Second Street, Jamestown, N. Y., at which time they will be opened and publicly read.

2. For a Junior High School Building located on Buffalo Street, bids will be received up to 2 o'clock P. M. February 23rd, 1923, at the offices of the Board of Education in the High School Building on East Second Street, Jamestown, N. Y., at which time they will be opened and publicly read.

Bids will be received for the work on each school under four separate contracts, as follows:

(a) For the General Construction, which includes all Masonry, Carpentry, Sheet and Iron, Roofing, Painting and all work kindred thereto.

(b) For Plumbing and Gas Fitting, and all work kindred thereto.

(c) For heating and ventilating, and all work kindred thereto.

(d) For Electrical Work and all work kindred thereto.

The Board of Education reserves the right to accept or reject any or all proposals and at its discretion to waive informalities.

All bids must be made in the form provided by the specifications and presented in sealed envelopes addressed to the Board of Education, endorsed, "*Proposal for Front Street Junior High School, Jamestown, N. Y.*," or "*Proposal for Buffalo Street Junior High School, Jamestown, N. Y.*" and stating the branch of the work covered. All bids to hold good for at least twenty days after opening same.

No bid will be considered unless accompanied by certified check to the order of the Board of Education of Jamestown, N. Y., in an amount equal to 5% of the amount of the bid or a bid bond of like amount, binding the bidder to execute the contract if awarded to him. The terms of the proposal with surety required are fixed by the specifications.

Copies of the Plans and Specifications will be on file in the offices of the Board of Education in the present High School Building, on East Second Street, Jamestown, N. Y., and at the offices of the Architects for the purpose of examination or estimating.

A limited number of copies of the plans and specifications have been provided by Messrs. Guilbert & Betelle and Johnson & Ford, associated Architects, and will be loaned to prospective bidders on deposit of a certified check in the sum of $25.00 for each set of plans loaned. If the plans and specifications are returned, the check will be returned, otherwise the deposit may become forfeited. All applications for plans should be made to Johnson & Ford, Architects, Fenton Building, Jamestown, N. Y., and check drawn to their order.

The Board of Education, of Jamestown, N. Y.

E. SNELL HALL,
President.
MILDRED R. FALCONER,
Clerk.

January 4th, 1923.

OFFICIAL PROPOSALS

Bids: Feb. 7.

Highway Bridge

Baton Rouge, La.

Notice is hereby given that sealed bids will be received by the Louisiana Highway Commission at its offices in the Reymond Bldg., Baton Rouge, La. up to 12 o'clock Noon, Wednesday, February 7th, 1923, at which time and place they will be publicly opened, for the Construction of a Highway Bridge over the Mermentau River at Mermentau, Louisiana, to be known as the Mermentau River Bridge, Federal Aid Project No. 122.

The plans have been prepared for two alternate layouts as follows:

Alternate "A"—Vertical Lift Layout.

Beginning at the East end to consist of 1 30 ft. reinforced Concrete deck girder span, 1 100 ft. thru riveted fixed span, 1 100 ft. thru riveted Vertical Lift Span, 1 140 ft. thru riveted fixed span, and 3 30 ft. reinforced Concrete deck girder spans.

Alternate "B"—Center Bearing Swing Layout.

Beginning at the East end to consist of 1 30 ft. reinforced Concrete deck girder span, 1 216 ft. thru riveted Center Bearing swing span, 1 140 ft. thru riveted fixed span and 3 30 ft. reinforced concrete deck girder spans.

For each layout the clear Roadway width will be 18 ft., the floor will be timber on movable spans and concrete on fixed spans. The movable spans will be operated by machinery driven by gasoline engines housed over movable spans.

The foundations are similar for the two layouts and consist of Concrete Piers resting on timber piles, the channel piers will be constructed by sinking cribs but the use of cofferdams will be permitted. Cofferdams will be used for the other piers.

Plans and specifications for the proposed work prepared by J. A. L. Waddell and approved by Louisiana Highway Commission and Bureau of Public Roads are on file, and may be inspected by prospective bidders during business hours, at the office of the Louisiana Highway Commission, Reymond Bldg., Baton Rouge, and at the office of J. A. L. Waddell, 35 Nassau Street, New York City. Bidders will be furnished with a copy of the specifications and blue prints of the plans by the Louisiana Highway Commission upon receipt of Five Dollars ($5.00) which will not be returned.

Bids may be submitted on either or both of the alternate layouts and must be made on standard proposal forms in the manner designated therein and required by the specifications. Bids must be enclosed in sealed envelopes bearing the name and address of bidder and name and type of bridge on which bid is submitted on the outside and addressed to Louisiana Highway Commission. Each bid must be accompanied by a certified check in an amount equal to (5%) five per cent of the total bid, payable to Louisiana Highway Commission as a guaranty that if the bid is accepted a contract will be entered into and performance thereof properly secured within (10) ten days notice of the acceptance of bid, otherwise the deposit will be forfeited.

The Louisiana Highway Commission reserves the right to reject any or all bids.

J. M. FOURMY,
State Highway Engineer.

W. T. PETERMAN, Chairman,
Louisiana Highway Commission.

OFFICIAL PROPOSALS

Bids: Feb. 1.

Highway Work

Raleigh, N. C.

Sealed bids for the construction of the following projects will be received by the North Carolina State Highway Commission at Raleigh, N. C., until 10:00 a.m., on the 1st day of February, 1923, when they will be opened and read:

Topsoil, Sand Clay or Gravel Projects including drainage pipe, structures, etc.

Project No.	County	Length (Miles)
107	Bertie	10.43
147	Hertford	17.36
363	Onslow	15.22
391-B	Robeson	1.10
403	Chatham	7.01
486	Wake	9.04
512	Caswell	11.67
555	Montgomery	20.55
752	Stokes	9.67
815	Cleveland	11.63

Macadam or Sand Asphalt Projects including drainage pipe, structures, etc.

Project No.	County	Length (Miles)
275	Sampson	13.80
991	Transylvania	7.31

Hard Surface Project including drainage pipe, structures, etc.

155-B	Martin	19.31
163	Nash	14.96
273	Sampson	2.44
391-A	Robeson	1.03
429	Granville	6.94
671	Rowan	7.34
713	Forsyth	11.35

Overhead Crossing.

291-B	Wilson	

Specifications, proposal forms, etc., may be obtained from the State Highway Commission at Raleigh, N. C.

Plans may be seen in the Raleigh office, or in the offices of the District Engineers.

Bridge plans may be obtained from the State Highway Commission at Raleigh, N. C., upon PAYMENT of Five ($5.00) Dollars per set.

The right is reserved to reject any or all bids.

By order of the North Carolina State Highway Commission.

Bids: Jan. 29.

Road Improvement

Mineola, L. I., N. Y.

Sealed proposals will be received by the Board of Supervisors of Nassau County, in its Chambers, in the Court House at Mineola, Long Island, on Monday, January 29, 1923, at 11 a.m. for the Improvement of the Long Beach Road between Barnum Island Creek and the Upland by the construction of bulk head and filling.

Plans and specifications may be seen at the office of W. Fred Starks, County Engineer, at Mineola, Long Island.

Each bid must be accompanied by a certified check on a solvent bank in the sum of three per cent of the amount of the total contract, made payable to the County of Nassau.

The Board of Supervisors reserves the right to reject any or all bids, waive any informality in the bids, and to accept the bid which it deems most favorable to the interest of the County.

By order of the Board of Supervisors.
By JESSE MERRITT,
Clerk.

Dated at Mineola, L. I., January 11, 1923.

Bids: Jan. 29.

Sewer Work

Spring Lake, N. J.

The Mayor and Council of the Borough of Spring Lake, N. J., will receive sealed proposals until 8.00 p.m., Monday, January 29, 1923, for the construction of about 1,500 lineal feet of six inch and eight inch sewer and one man hole.

Plans and specifications can be examined at the office of the Borough Engineer, First National Bank Building, Spring Lake, N. J. Copies can be procured by depositing Ten ($10.00) dollars with the Engineer.

Certified check in 10% of amount of bid is required with proposal.

Right is reserved to reject any or all bids.

By order of the Mayor and Council.
JOHN M. BRALY,
Borough Engineer.

Spring Lake, N. J.

Bids: Feb. 2.

High School Building

Perry, N. Y.

Sealed bids will be received by the Board of Education, District No. 6, Towns of Perry and Castile, Perry, N. Y., at the office of the Secretary, T. H. Donnelly, High School building on Leicester street, on or before 12 o'clock, noon, Eastern Standard Time, Feb. 2nd, 1923, for making the proposed alterations in the old building, and the construction of a two-story brick addition 146 x 150 feet, according to plans and specifications prepared by Gordon & Kaelber, Architects, 125 Sibley Building, Rochester, N. Y.

The plans and specifications may be inspected at the office of said architects or said secretary of the Board of Education, and obtained together with bidding sheets at the office of said architects.

Each bid shall be accompanied by a certified check amounting to 5% of the amount of the bid. If the bid is accepted a contract will be entered into within 30 days. The performance of said contract shall be properly secured by the United States Government bonds or surety bonds duly approved by the Board of Education.

The Board of Education may, at its discretion, reject all bids as the interests of the District may appear.

Bids will be received on the following types of work:

No. 1. Mason, Steel and Iron, Tile and Marble work.
No. 2. Carpenter work and Hardware.
No. 3. Painting and Finishing.
No. 4. Roofing and Metal work.
No. 5. Electrical work.
No. 6. Sprinkler System.
No. 7. Heating and Ventilating.
No. 8. Plumbing.

If any contractor prefers to submit a general bid on the first six types of work listed above, the Board will receive and consider it.

By order of the Board of Education.
G. L. PECK.
W. D. OLMSTED.
MRS. ANNA SMITH.
MRS. THEO CALKINS.
DR. C. R. BROWN.
W. W. McMAHAN.
W. A. AUSTIN.

Jan. 10, 1923.

Bids: Jan. 23.

Paving

Charlotte, N. C.

Sealed proposals for the paving of certain streets in the City of Charlotte will be received by the Board of Commissioners up to 11 o'clock A. M. of the 23rd day of January, 1923.

The work to be done consists of approximately 210,000 sq. yds. of paving.

Bids will be received on Various Types.

A certified check equal to five per cent. of the amount of the bid, and made payable to the Treasurer of the City of Charlotte, will be required to accompany each bid.

Plans may be seen, and specifications may be obtained, at the office of the City Engineer.

The right is reserved to reject any or all bids or any part of a bid.

By Order of the Board of Commissioners.
W. S. STANCILL,
Commissioner of Public Works.
JOSEPH FIRTH,
City Engineer.

Bids: Jan. 23.

Sewers and Drains

Charlotte, N. C.

Sealed proposals for the construction of certain sewers on certain streets consisting of approximately eight miles of sewers and drains with appurtenances to be laid for the City of Charlotte, N. C., will be received by the City of Charlotte, up to Eleven o'clock a.m., of the twenty-third day of January, 1923. Proposals to be addressed to the Board of Commissioners and endorsed: Proposals for Constructing Sewers.

A certified check equal to five per centum of the amount of the bid, and made payable to the Treasurer of the City of Charlotte, will be required to accompany each bid.

Plans and specifications and blank forms of proposal may be obtained at the office of the City Engineer.

W. S. STANCILL,
Commissioner of Public Works.
JOSEPH FIRTH,
City Engineer.

Bids: Feb. 7.

Bridges

Appleton, Wisc.

Sealed bids will be received by the undersigned, city clerk of the city of Appleton, Wisconsin, up to 4:00 o'clock P.M., February 7th, 1923, for furnishing all labor and material and constructing according to plans and specifications, bridges across the Fox River at Lawe street and Cherry street.

The Lawe-st bridge over the Fox River will be of reinforced concrete, resting on steel cylinder piers sunk to bed rock and on the footings for columns on shore. It provides for a twenty-foot roadway and six foot sidewalk. The Cherry street bridge over the Fox river, will be of steel girder type, resting on concrete piers, sunk to bed rock and the footings for abutments on shore. It provides for a thirty-two foot roadway and a seven foot sidewalk. Plans and specifications are on file and may be examined in the office of E. L. Williams, city clerk, and O. F. Weissgerber, city engineer and in the office of Harrington, Howard & Ash, consulting engineers, Kansas City, Mo.

Copies of the plans and specifications may be secured from the consulting engineers by depositing $25.00, these plans are to be returned upon request, at which time a refund of $15.00 will be made. A bond in the full amount of the contract will be required.

A certified check in the sum of not less than 5% of the total bid, made payable to the city clerk, must accompany each bid.

Council reserves the right to reject any or all bids.

Dated January 4th, 1923.
BY ORDER OF THE COMMON COUNCIL. E. L. Williams, City Clerk.

Bids: Feb. 7.

Highway Work

Albany, N. Y.

Sealed proposals will be received by the undersigned at their office, No. 55 Lancaster Street, Albany, N. Y., at one o'clock p.m. on Wednesday, February 7, 1923, for the improvement of highways in the following counties:

COLUMBIA.....(one highway: 2.70)
DUTCHESS.....(one highway: 1.33)
ERIE.....(two highways: 6.61 & 4.84)
HAMILTON.....(one highway: 10.07)
SARATOGA.....(two highways: 0.08 & 0.11)
SCHUYLER.....(one highway: 3.47)

Also for the reconstruction of the following:

FULTON.....(one contract: 1.50)
GREENE.....(one contract: 3.88)
MONTGOMERY.....(one contract: 4.00)
SARATOGA.....(one contract: 4.24)

Maps, plans, specifications and estimates may be seen and proposal forms obtained at the office of the Commission in Albany, N. Y., and also at the office of the division engineers in whose division the roads are to be improved or reconstructed. The addresses of the division engineers and the counties in which they are in charge will be furnished upon request.

The especial attention of bidders is called to "General Information for Bidders" in the itemized proposal, specifications and contract agreement.

HERBERT S. SISSON,
Commissioner.

J. C. FINCH,
Secretary.

Bids: Jan. 23.

Sidewalks

Charlotte, N. C.

Sealed proposals will be received by the Board of Commissioners of Charlotte, N. C. up to 11 o'clock a.m., of the 23rd day of January, 1923, for the grading and paving of the sidewalks on various streets consisting of approximately 45,000 sq.yds. of concrete walk.

A certified check equal to 5 per cent of the amount of the bids and drawn payable to the Treasurer of the City of Charlotte, will be required to accompany each proposal. Specificaltons can be obtained at the office of the City Engineer.

The right is reserved to reject any or all bids.

JOSEPH FIRTH,
City Engineer.
W. S. STANCILL,
Commissioner of Public Works.

OFFICIAL PROPOSALS

Bids: Feb. 5.

Junior High School Building

Trenton, N. J.

Sealed proposals for the complete construction of a new Junior High School Building will be received by the committee on Buildings and Grounds of the Board of Education of Trenton, in the County of Mercer, at the meeting room of the Board in the Administration Building No. 9 South Stockton Street, Trenton, New Jersey, at 8:30 o'clock p.m., eastern standard time, on Monday the 5th day of February, 1923, at which place and time all bids received will be unsealed and contents publicly announced. No bids will be received previous to the time designated, and none will be received thereafter.

All bids shall be presented to the committee at the place and time mentioned by the parties bidding, or their agents, when called for by the chairman of the committee.

Bids for the general construction, for the heating and ventilating, for the plumbing, and for the electrical work, will be taken separately.

A certified check for not less than five (5%) per cent of the amount of the bid must accompany each proposal, made payable to the Board of Education of the City of Trenton, to be treated as liquidated damages in case the bidder receiving the award shall fail to execute a contract and furnish the required bond, within ten days after notification of the acceptance of their bid.

The Board of Education reserves the right to reject any or all bids, or to waive defects or informalities in any bid if it be deemed to the interest of the city so to do.

Copies of the plans and specifications will be on file at the office of the Secretary of the Board of Education, in the Administration Building, for the purpose of estimating.

A limited number of copies of the plans and specifications will be loaned to the prospective bidders on deposit of a certified check drawn to the order of the Board of Education, Trenton, New Jersey, in the sum of $25.00.

These plans and specifications may be obtained by application to the Architect Ernest Sibley, Edgewood Lane and Bluff Road, Palisade, New Jersey, or from J. Osborne Hunt, Associate Architect Hunt Building, 219 East Hanover Street, Trenton, New Jersey. Deposits will be forfeited unless plans and specifications are returned to the Architects within ten days after bids are opened.

(Signed) ROBERT C. BELLVILLE,
Secretary.

For the Board of Education, City of Trenton, New Jersey.

Bids: Feb. 5.

Sewer Arms

Springwells, Mich.

Sealed bids will be received up to 8 p.m., Feb. 5, 1923, by the Village Clerk at the Village Hall, Springwells, Michigan, for the construction Sewer Arms Sections No. 25 to Section No. 35.

The work is divided into eleven sections containing approximately 33,000 ft. of 20" to 120" sewer. Sewers may be built in open cut or tunnel with brick, concrete, reinforced concrete pipe for sizes over 24". Sizes 24" and under may be built of Double Strength Vitrified Pipe.

Plans and specifications are on file at the office of the Village Clerk and copies may be secured from the office of Clarence W. Hubbell, Consulting Engineer, 2348 Penobscot Bldg., Detroit. A deposit of $10.00 will be required for the plans and specifications which will be refunded upon their return in good order on or before Feb. 16, 1923.

A certified check made payable to the Village of Springwells for the sum of $2,500.00 must accompany each bid on each Section. Contractors may bid on any or all Sections. In case of failure or neglect to enter into contract and furnish the required bonds within the time specified the certified check shall be forfeited to the Village of Springwells as liquidated damages.

No proposals will be received unless made on the blanks furnished and delivered to the Village Clerk on or before 8 p.m., Feb. 6, 1923.

The Village reserves the right to reject any or all bids.

By order of the Village Council.

B. P. ESPER,
Village Clerk.

OFFICIAL PROPOSALS

Bids: Feb. 14.

Scherzer Rolling Lift Bridge

New Orleans, La.

Proposal No. 202. City of New Orleans, Louisiana, Department of Public Finances, Purchasing Division, Room 24, City Hall. Sealed proposals will be received at this office until the hour of 11 o'clock a.m., Wednesday, February 14th, 1923, for furnishing and erecting a Scherzer Rolling Lift Bridge over the New Orleans Navigation Canal on the axis of Broad street, in the City of New Orleans, in accordance with plans and specifications on file in this office, complete set of which will be furnished on receipt of a deposit of $5.00, which deposit will be returned when the plans and specifications are returned in good order to this office.

Deposit ten per cent of amount of bid. Cash, Bid Bond or Certified check enclosed with bid.

Bond fifty per cent of contract price.

Contract before the City Notary at bidders expense.

Bidders must have paid their City License in order that their bid may be accepted.

The City reserves the right to reject any and all bids.

R. M. MURPHY,
Commissioner of Public Finances.
January 15th, 1923.

Bids: Feb. 9.

Paving

New Castle, Pa.

Sealed proposals will be received at the office of the City Clerk, City Building, New Castle, Pa., up until 10:00 o'clock, Friday morning, February 9, 1923, for the paving of Montgomery Street (formerly Moravia Road), in the Seventh Ward, beginning at a point following the center line 643.9 feet eastwardly and northwardly from the east end of the County Bridge over the Mahoning River, thence to a point at the end of the present pavement in Montgomery Street near the County Bridge over the Mahoning River and near to the Pittsburgh, Youngstown & Ashtabula Railway tracks, the said paving to be of concrete and of the width of eighteen (18) feet, said paving to be done in accordance with plans and specifications approved by Council and on file in the office of the City Engineer, New Castle, Pa. Each proposal to be accompanied by a certified check for $1,000.00 payable to the order of C. Ed Brown, City Clerk, as a guarantee that the bidder whose proposal is accepted will sign the contract and furnish the required bond, which check is to be returned to the successful bidder upon signing the contract and the approval of the bond, and to the unsuccessful bidders upon award of the contract. Rights reserved to reject any or all bids.

C. ED BROWN,
City Clerk,
New Castle, Pa.

Bids: Jan. 30.

Bridges and Roads

Charleston, W. Va.

Sealed proposals will be received by the State Road Commission of West Virginia until ten o'clock A. M. on the 30th day of January, 1923, and said proposals will be opened and read immediately thereafter at the Kanawha County Court House, Charleston, W. Va., for the construction of the following bridges and sections of State Road:—

Project 3052—Raleigh County—6 miles of the Shady Springs-Summers County Line Road for grading and draining. Certified check for $3,000.00.

Project 3133—Amigo Bridge No. 833—Raleigh County—over Devil's Fork, concrete arch 75 ft. span. Certified check for $500.00.

Project 3182-B—Pocahontas County—8.3 miles of the Sunset to Greenbank District Line Road for grading and draining. Certified check for $4,000.00.

OFFICIAL PROPOSALS

Project 3171—Pocahontas County—2 miles of the Marlinton towards Buckeye Road for grading and draining. Certified check for $1,800.00.

Project 127—Greenbrier County—8 miles of the Lewisburg-Camp Ground Road for grading, draining and paving with Bituminous Macadam. Certified check for $11,000.00.

Project 3045-B—Monroe County—5.3 miles of the Union-Rock Camp Road for grading and draining. Certified check $2,500.00.

Project 3037—Hartland Bridge No. 805—Clay County over Elk River, steel superstructure, 565 ft. long. Certified check for $2,000.00.

Project 3091—Boone County—2.25 miles of the Seng. Creek—toward Seth Road for grading and draining. Certified check for $1,800.00.

Project 3155—Heath Bridge No. 873—Cabell County, over Heath Creek. Concrete deck girder, 37.5 span, concrete substructure. Certified check for $500.00.

Project 3074-D—Jackson County—5 miles of the Cottageville-Mason County Line Road for grading and draining. Certified check for $3,000.00.

Project 47-S—Wetzel County—1 mile New Martinsville-Willeyville Road, for grading, draining and paving with concrete sections only. Certified check for $1,000.00.

Project 3167-A—Marshall County—3 miles of the Cameron-Littleton Road for grading and draining. Certified check for $1,800.00.

Project 3163—Tyler County—5 miles of the New Martinsville-West Union Road, for grading and draining. Certified check for $3,000.00.

Project 3203-A—Preston County—3.5 miles of the Northwestern Turnpike from Aurora to Dayton for grading and draining. Certified check for $2,500.00.

Project 3187—Marion County—2.8 miles of the Flat Run-Metz Road for grading, draining and paving with concrete. Certified check for $5,000.00.

Project 3184—Barbour County—7.2 miles of the Philippi-Taylor County Line Road for grading and draining. Certified check for $5,000.00.

Project 3026—Jefferson County—7 miles of the Charlestown-Kearneysville Road for grading, draining and waterbound macadam surface course. Certified check for $5,000.00.

Project 3147—Hampshire County—5 miles of the Frenchburg-Virginia State Line Road for grading and draining. Certified check for $2,000.00.

Project 3010—Burlington Bridge No. 735—Mineral County over Patterson Creek—150 ft. steel thru trus, concrete substructure. Separate proposals will be received on substructure. Certified check for $500.00 and superstructure. Certified check for $500.00.

Project 3198—Morgan County—5 miles of the Berkeley Springs-Great Cacapon Road for grading and draining. Certified check for $4,000.00.

Project 122—B & C—Grant County—12.5 miles of the Northwestern Turnpike for grading and draining. Certified check for $6,000.00.

Project 3175—Pendleton County—5 miles of the Franklin-Elkins Road for grading and draining. Certified check for $2,400.00.

Project 3148—Hardy County—8.5 miles of the Moorefield Petersburg Road for grading and draining. Certified check for $3,500.00.

Proposals will be received only upon State Standard form in accordance with plans, specifications and estimates of quantities therefor, which standard forms, plans, specifications and estimates of quantities may be obtained from the office of the Division Engineer in whose territory the proposed construction is located or from the office of the State Road Commission at Charleston, W. Va.

Each proposal must be accompanied by a certified check for the amount noted.

The right is reserved to reject any and all proposals.

THE STATE ROAD COMMISSION OF WEST VIRGINIA.
E. B. CARSKADON, Secretary.

Compensation Insurance

The intelligent handling of Workmen's Compensation Insurance is most essential to contractors. I have specialized in this business for twenty years and know how to handle insurance for the best interests of the contractors.

Alfred S. Hamilton
110 William St., New York

Redeeming our Annual Pledge—Better Service on

Contract Bonds
Compensation Insurance

HARMON V. SWART
92 William St., New York.

OFFICIAL PROPOSALS

Bids: Jan. 25.

Sluice Gates

Buffalo, N. Y.

Sealed proposals will be received by the Commissioner of Public Works at the Municipal Bldg., Buffalo, N. Y., for 56 rectangular sluice gates varying in size from 16-in. square to 48-in equare, and appurtenances to be furnished f.o.b. cars, Buffalo, N. Y.

Forms of proposal, drawings and specifications may be obtained on application to the above address.

ARTHUR W. KREINHEDER,
Commissioner of Public Works,
Buffalo, N. Y.

U. S. GOVERNMENT

SEALED PROPOSALS, indorsed "Proposals for Natatorium, Annapolis, Md., Specification No. 4754," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock a.m., Jan. 24, 1923, and then and there publicly opened, for a natatorium at the Naval Academy, Annapolis, Md. The work includes timber piles; plain and reinforced concrete; brickwork; plain and molded granite work; membraneous waterproofing and built-up roofing; copper roofing, wall covering and sheet metal work; skylights; wood roof sheathing, frames, and sash and doors; steel framing; metal stairwork, pipe railings and other accessories; interior marble and tile; plastering; hardware; painting and glazing; plumbing; heating; ventilating; electric lighting; mechanical equipment and piping for swimming pool, including pressure filters, motor-driven centrifugal pump, coagulant devices, heater, ultra-violet ray sterilizers, and a portable pool cleaner. Drawings and Specification No. 4754 may be obtained on application to the Bureau or to the Superintendent, Naval Academy, Annapolis, Md. Deposit of a check or postal money order for $25, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specification. L. E. GREGORY, Chief of Bureau. December 13, 1922.

SEALED PROPOSALS will be received and opened by the Director, U. S. Veterans Bureau, in the office of the Quartermaster General, 2306 Munitions Building, Washington, D. C., at 11 a.m., February 16, 1923, for construction of a 500 bed Neuro-Psychiatric Hospital to be erected for the U. S. Veterans Bureau at Camp Custer, Battle Creek, Michigan. The work will include the construction of about thirty buildings of reinforced concrete and brick, complete with sewer, water, heating and lighting systems, roads and walks. Plans and specifications may be obtained after January 16, 1923, from the Quartermaster General, Room 2306 Munitions Building, Washington, D. C., upon deposit of $100. One set of plans and specifications will be on exhibition at each of the following stations: Constructing Quartermasters at 39 Whitehall Street, New York, N. Y., Army Supply Base, Boston 9, Mass., and Quartermaster Supply Officers at 1819 West Pershing Road, Chicago, Ill., and Second and Arsenal Streets, St. Louis, Mo.

SEALED PROPOSALS will be opened by the Supt. of Lighthouses, Philadelphia, Pa., 2 p.m., Feb. 13, 1923, for building stone and reinforced concrete breakwater at Harbor of Refuge Light Station, Delaware Bay, Del. Information on application.

U. S. ENGINEER OFFICE, ROOM 608, ARMY BUILDING, NEW YORK CITY. Sealed proposals will be received here until 12 o'clock noon, January 26, 1923, and then opened, for furnishing and erecting complete, on concrete foundations already constructed, one 100-foot Range Finding Tower. Further information on application here and at Office of Chief of Engineers, Construction Section, Washington, D. C.

BIDS INVITED.—Sealed bids will be received by the Constructing Quartermaster, Fort Benning, Georgia, for construction of twenty-three sets of two family houses. Bids will be opened at Fort Benning, Georgia, at 12 o'clock noon, central time, January 30th, 1923. Twenty five dollars deposit required to insure return of plans.

U. S. ENGINEER OFFICE, GALVESTON, TEX., Sealed proposals will be received here until 11 a.m. Feb. 21 1923, and then opened, for dredging channels at Brazos Island Harbor, Texas. Further information on application.

U. S. GOVERNMENT

PROPOSALS FOR LEVEE WORK.—Office of the Secretary, Mississippi River Commission, 1311 International Life Building, St. Louis, Mo.—Sealed proposals will be received here until 11 a.m., Jan. 24, 1923, for constructing about 900,000 cubic yards of earthwork by the hydraulic method in the Sny Island Levee Drainage District, Ill. Further information on application.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., January 6, 1923.—SEALED PROPOSALS will be opened in this office at 3 p.m., January 30, 1923, for construction of an extension to delivery platform at U. S. Appraisers Warehouse, New York, N. Y. Drawing and specifications may be obtained from the Office of Supervising Chief Engineer, 731 Custom House, New York, N. Y., or at this office, in the discretion of the Supervising Architect, Jas. A. Wetmore, Acting Supervising Architect.

U. S. ENGINEER OFFICE, HUNTINGTON, W. VA., Dec. 23, 1922.—Sealed proposals will be received here until 11 a.m. (Eastern Time), January 23, 1923, and then opened, for furnishing and delivering lock-operating machinery, etc., for Dam No. 30, Ohio River. Further information on application.

COMMISSIONERS, D. C., Washington, January 15, 1923. Sealed proposals for constructing the Smothers School, will be received in Room 509, District Building, until 2 o'clock p.m., January 29, 1923. For detailed information apply to Room 427, District Building. A deposit of $10.00 required to insure return of plans and specifications. Cuno H. Rudolph, James F. Oyster, Charles Keller, Commissioners, D. C.

OFFICE OF CONSTRUCTING QUARTERMASTER, FORT BLISS, TEXAS.—Sealed proposals, in triplicate, will be received at this office until 10:00 a.m., February 1st, 1923, then publicly opened for drilling, casing and equipping complete, ready for operation, one eight inch well at Dona Ana Target Range, New Mexico. Plans and specifications furnished upon receipt of certified check for $10.00 to guarantee return.

U. S. GOVERNMENT

U. S. ENGINEER OFFICE, CINCINNATI, O. Sealed proposals will be received here until 2 p. m. Feb. 8, 1923, and then opened for furnishing and delivering horses and props for Ohio River Dams Nos. 34, 36 and 38. Further information on application.

U. S. ENGINEER OFFICE, FLORENCE, ALA.—Sealed proposals will be received here until 11 A.M. January 27, 1923, and then opened, for the construction and delivery of four steel barges. Further information on application.

U. S. ENGINEER OFFICE, PITTSBURGH, PA.—Sealed proposals for building two two-story, seven-room lockkeepers' houses at Lock No. 6, Monongahela River, will be received at this office until 12 Noon, January 31, 1923, and then publicly opened. Information on application.

U. S. ENGINEER OFFICE, NASHVILLE, TENN.—Sealed proposals will be received here until 11 a.m., January 30, 1923, and then opened, for fourteen steel barges. Further information on application.

U. S. ENGINEER OFFICE, CINCINNATI, O. Sealed proposals will be received here until 2 p.m., Jan. 30, 1923, and then opened, for constructing, assembling, testing and delivering one dredging ladder for 24-inch pipe line dredge. Further information on application.

U. S. ENGINEER OFFICE, GALVESTON, TEX. Sealed proposals will be received here until 12 m., Feb. 1, 1923, and then opened, for dredging the Houston Ship Channel, Texas. Further information on application.

U. S. ENGINEER OFFICE, CINCINNATI, O. Sealed proposals will be received here until 2 p.m., Feb. 12, 1923, and then opened, for furnishing and delivering structural steel, forgings, etc., for Ohio River Dams Nos. 36 and 38. Further information on application.

U. S. ENGINEER OFFICE, ROOM 608, ARMY BUILDING, NEW YORK CITY. Sealed proposals will be received here until 12 o'clock noon, February 10, 1923, and then opened, for constructing one concrete plotting room and switchboard room at Fort Tilden, Long Island, N. Y. Further information on application.

Wanted—Correspondents
for Engineering News-Record

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